

## Claims

1. A collecting bag for human body wastes, comprising:

a bag member formed by a first and a second film blank with joined edges, an inlet opening being provided in one of said first and second film blanks,

a discharge portion defining a longitudinal direction and starting at a proximal end at a distance from the inlet opening and extending between two end sections of said film blanks to a distal end, wherein said second film blank is provided with an extension extending beyond a distal edge of said first film blank, a discharge opening being formed between said extension and the distal edge of the first film blank, said discharge portion being foldable and unfoldable by at least one folding in said longitudinal direction between the distal and proximal ends to bring the discharge portion from an open unfolded condition to a closed folded condition and vice versa, and wherein

a locking device is provided at the discharge portion for locking the bag in said closed folded condition of the discharge portion,

in which the collecting bag includes a first plate member positioned on the first film blank and a second plate member positioned on the extension of the second film blank, each plate member having a predetermined height in the longitudinal direction of the discharge portion between a proximal edge and a distal edge, a predetermined width in a direction transverse to the longitudinal direction, and a predetermined thickness, each plate member being formed from a relatively stiff material, and the distance between the distal edge of the first plate member and the proximal edge of the second plate member being

smaller than the thickness of the first plate member.

2. A collecting bag as claimed in claim 1, in which the first plate member has a larger height than the second plate member.

3. A collecting bag as claimed in claim 2, in which the first plate member has a height-width ratio in the interval from 1:7 to 1:2.

4. A collecting bag as claimed in claim 3, in which the ratio between the heights of the first and the second plate member lies in the interval from 1:1 to 4:1.

5. A collecting bag as claimed in claim 1, in which the first and/or the second plate member has an arc-shaped configuration with respect to the plane of the discharge portion.

6. A collecting bag as claimed in claim 1, in which the second plate member is positioned on the outer side of the extension of the second film blank.

7. A collecting bag as claimed in claim 1, in which said locking device is provided close to the proximal end of said discharge portion to allow folding of said discharge portion by at least one subsequent folding following said at least one folding.

8. A collecting bag as claimed in claim 1, in which the first plate member has a larger height than the second plate member, and in which said locking device is provided close to the proximal end of said discharge portion to allow folding of said discharge portion by at least one subsequent folding following said at least one folding, said at least one subsequent folding being defined by the proximal edge of the first plate member.

9. A collecting bag as claimed in claim 7, in which said locking device comprises foldable locking strips projecting from opposite side edges of the

discharge portion and being provided at one surface with first locking means engageable with second locking means provided on a surface part of said discharge portion, said second locking means being located in alignment with said locking strips after said at least one subsequent folding.